



# **Regional Modeling Center Schedule 2005**

**Combined Session –  
Emissions/Fire Emissions Joint Forum  
September 28, 2005**

## 2002 Actual Emissions = “base02a”

- ✓ **Actual “final” emissions from 2002**
- ✓ **Used for Model Performance Evaluation (MPE) statistics – EPA requirement**
- ✓ **Running now**
- ✓ **Results:**
  - **36 km and 12 km resolution**
  - **Source apportionment – Natural vs. Anthro, Species by state**
- ✓ **Completed over next 4-6 weeks**

## **2000-04 Baseline Planning Emissions = “planning02”**

- ✓ **2000-04 baseline period “representative” Phase 3 fire emissions**
- ✓ **Used for analyzing the change from 2000-04 to 2018 for regional haze**
- ✓ **Expecting Phase 3 2000-04 fire EI data in mid-October**
- ✓ **Other changes in “planning02” modeling run:**
  - **EGU temporal profile averages by state**
  - **Changes to CA 2002 emissions data**
  - **1999 Mexico EI data**
- ✓ **Results:**
  - **36 km and 12 km resolution**
  - **Source apportionment – Natural vs. Anthro, Species by state**
- ✓ **Complete mid- to late November**

## **2018 Base Case Emissions = “base18a”**

- ☞ **2018 base case emissions – “rules on the books” and activity changes from population growth**
- ☞ **Other piece of change from 2000-04 to 2018 for regional haze**
- ☞ **Expecting Phase 4 2018 fire EI data in November**
- ☞ **Factors in modeling 2000-04 to 2018 base case:**
  - **Wildfire constant**
  - **Windblown Dust constant**
  - **No BART included**
  - **EGU temporal profile averages by state**
  - **“first generation” of CA 2018 emissions data**
  - **1999 Mexico EI data**
- ☞ **Results:**
  - **36 km and 12 km resolution, Source apportionment – Natural vs. Anthro, Species by state**
- ☞ **First run results by December Board meeting**